PUB-NO: WO2004014663A1 **DOCUMENT-IDENTIFIER:** WO 2004014663 A1

TITLE: METHOD FOR PRODUCING TAMPER-

PROOF IDENTIFICATION

ELEMENTS

PUBN-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME COUNTRY
KASTNER, FRIEDRICH AT
BERGSMANN, MARTIN AT
WALTER, HARALD DE
BAUER, GEORG AT
DOMNICK, RALPH DE

ASSIGNEE-INFORMATION:

NAME	COUNTRY
HUECK FOLIEN GES M B H	AT
NOVEMBER AG	DE
KASTNER FRIEDRICH	AT
BERGSMANN MARTIN	AT
WALTER HARALD	DE
BAUER GEORG	AT
DOMNICK RALPH	DE

APPL-NO: EP00308327 **APPL-DATE:** July 28, 2003

PRIORITY-DATA: AT11912002A (August 6, 2002)

INT-CL (IPC): B42D015/00 , B42D015/10 ,

B41M003/14

EUR-CL (EPC): B42D015/00 , B42D015/10

ABSTRACT:

CHG DATE=20040309 STATUS=O>The invention relates to a method for producing tamper-proof identification elements, and to tamper-proof identification elements produced according to said method and consisting respectively of at least one layer (2) reflecting electromagnetic waves (3), a spacer layer, and a layer consisting of metallic clusters (4). According to said method, a partial or all-over layer reflecting electromagnetic waves is applied to a carrier substrate (1), followed by at least one partial and/or all-over polymer layer having a defined thickness (3), and a layer consisting of metallic clusters which is produced by means of a method using vacuum technology or from systems based on solvents is then applied to said spacer layer(s).